



WP 7 Dissemination and Communication

Deliverable D7.4: Networking Webinars Material

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6	Vrije Universiteit Brussel	VUB	BE	
6a	Bitagreen		BE	
7	OneTree Foundation (EdnoDarvo)	OTF	BG	
8	CWare (project lead)	CWR	DK	
9	UrbanDigital	URD	DK	
10	NDCConsult Ltd (associated partner)	NDC	UK	

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List of Acronyms	
C&D	Communication & Dissemination
CS	Citizen science or crowd science
DNNK	Danish National Network for Climate Adaptation
EC	European Commission
ES	Ecosystem Services
GIS	Geographical Information System
HR	High resolution
HRB	Horizon Result Booster
KER	Key Exploitable Result
SCEWC	Smart Cities Expo World Congress
WP	Work Package

Executive Summary

Networking Webinars were organized in the framework of 100KTREEs to connect the project with main end users and cities. This deliverable D7.4 is intended as a comprehensive report putting together all the pieces of information, materials, links and outcomes from each organized events.

According to the task 7.6 that sets the guidelines for the organization of these webinars, at least 3 workshops/webinars were expected to be organized during the project. These events are: 1) the workshop with Genoa City of 19th November 2024; 2) the networking webinar of 18th June 2025; 3) the webinar with DNNK water professionals of 6th August 2025.

In addition, the D7.4 also reports on the COSPACE webinar series and on the 100KTREEs final event, as they also represented a good occasion to connect with end users and to demonstrate the use of the toolbox.

In the document, there are references and links to on-line material on the 100KTREEs web site, where recording of the webinars and general information are included.

1 Introduction

1.1 Purpose and audience of the document

The Task 7.6 of 100KTREEs was dedicated to Networking with EU cities. On the basis of the model developed for Sofia and Copenhagen, the task aimed at engaging new cities for a dialogue and connecting with main local and regional pledges and initiatives on planting trees, as well as networking with potential customers and sponsors at private and public level.

By following the indications and guidelines from the C&D Plan and Strategy, and in close connection with the development of a Business Plan under the WP6, 100KTREEs carried out, in the second half of the project, a series of activities and initiatives aimed at maximizing the impacts and supporting the uptake of implemented solutions.

Noteworthy, are the series of three networking workshops/webinars dedicated to engage new cities and open a dialogue with them about the opportunities to develop a plan for improving the management and the planting of trees. These events were represented by the Workshop with the City of Genoa (19th November 2024), by the webinar with EU cities (18th June 2025) and by the webinar with climate change and water professionals of DNNK (6th August 2025).

100KTREEs went beyond the programmes and the scheduled duties, with the promotion of additional two webinars organized in the framework of the COSPACE Cluster, with the aim to widen its target users and also to explore synergies and new business opportunities by the cooperation with other projects dealing with space applications for climate change and green deal.

Finally, the present document highlight also the outcomes and results from the final 100KTREEs event, a demonstration side event organized in the framework of the Smart City Expo World Congress of Barcelona on the 6th November 2025.

The document is addressed to any kind of stakeholder and potential user of 100KTREEs. Here they can find short report and summaries of each event, as well as links to the on-line materials to get more knowledge and information on the toolbox and its functionalities.

1.2 Relation to other activities

The present report is tightly connected with WP6 and the development of a Business Plan for 100KTREEs key exploitable results.

A structured approach that started with the creation, under WP6, of a database of potential cities to engage in the project, has been followed to target the events, define the agenda and topics, and address the invitations.

Topics and results were presented, along with the organized events, according to their implementation status and their maturity, as per the progress of technical WPs (from 1 to 5).

1.3 Structure of the document

The document includes one chapter per each, organized as follows:

- Agenda and participants
- Main outcomes
- Media and articles

The events reported in the document are (in chronological order):

- The Networking Workshop organized with Genoa Municipality on the 19th November 2024;
- The 2 Clustering webinars organized by COSPACE on 13th March and 15th April 2025;
- The Networking webinar organized by 100KTREES for EU cities on 18th June 2025;
- The Networking webinar organized by DNNK for water practitioners on 6th August 2025;
- The 100KTREES side event organized within the Smart City Expo World Congress of Barcelona on 6th November 2025.

2 The Networking workshop between 100KTREEs and Genoa Municipality, 19th November 2024

2.1 Agenda and Participants

At the workshop, held on 19 November from 9:30 a.m. to 1:30 p.m. at the Blue District, 36 experts took part, coming from the Municipality of Genoa, Aster, the University of Genoa – DICCA, iiSBE Italia R&D, GISIG and the European partners of the 100KTREEs project.

The workshop, moderated by GISIG, included three sessions:

- The first presented the 100KTREEs project and demonstrated the tools developed for tree mapping and for enriching the database through satellite data, for modelling ecosystem services, and for collecting new tree data through a crowdsourcing app.
- The second featured presentations by the Municipality of Genoa on the Green Plan and by Aster on the risk plan related to tree planting.
- The third and final session focused on discussing needs and requirements. During this session, two other Interreg projects on the theme of resilience and climate change adaptation—REMEDI and ADAPTNOW—were presented, both involving the Municipality of Genoa.



Figure 1: The programme of the networking webinar between 100KTREES and the City of Genoa (IT)

2.2 Main outcomes

Current situation and needs of the City of Genoa regarding urban trees

1. The Municipality of Genoa has a tree mapping system managed by Aster (the territorial services company), which, however, does not include trees on private property. There are aerial photogrammetric data available that could enrich the existing database, filling gaps in view of a future publication.
2. Genoa has a Green Plan, which serves as a strategic vision rather than an operational plan. To make it implementable, the following are needed:
 - A time schedule.
 - Dedicated working groups.
 - Suitable tools for planning and management.
3. Aster has a tree renewal programme, which foresees replacing trees approximately every 50 years.

4. Significant activities are underway in monitoring, managing reports, and mitigating the risk of tree falls.
5. Communication and citizen awareness are identified as crucial elements for responsible and participatory management of urban green areas.
6. A need has emerged to integrate information on the presence and condition of trees into urban planning and project development, to enable a more systemic approach.

Possible Contributions from the European Project 100KTREES to the Municipality of Genoa

1. Citizen Science App:
 - The 100KTREES project app represents an opportunity to collect missing data on the presence and health of trees.
 - An Italian translation can be envisaged, but the app needs to be adapted to include local tree species, including non-native ones.
2. Ecosystem Services Modelling:
 - The ability to model the ecosystem services provided by trees (e.g., carbon sequestration, mitigation of heat islands, noise reduction, runoff and urban flood management) can support the Green Plan.
 - The use of simulation scenarios, varying boundary conditions, could demonstrate the strategic value of trees in terms of location, quantity, and configuration.
 - This tool can also be effective for communication with citizens and raising awareness among policymakers.
3. European Network of Cities:
 - The project aims to establish a network of European cities interested in adopting the 100KTREES toolbox.
 - Questions remain on how to encourage cities like Genoa to adopt the tool, considering economic, political, and cultural barriers.

2.3 Articles and media reporting the event

Article on the Medium blog of 100KTREES

<https://medium.com/@100ktrees/enhancing-urban-greenery-with-the-100ktrees-project->



[4cf943eb59a2](#)

Posts on the LinkedIn

<https://www.linkedin.com/feed/update/urn:li:activity:7264929956323852290>

<https://www.linkedin.com/feed/update/urn:li:activity:7267488393498877952>

Newsletter #4 – January 2025

https://mailchi.mp/d54ea41bb3ce/100ktrees-newsletter_4

3 COSPACE webinars of 13th March and 15th April 2025

The COSPACE Group, formed by the European projects MAGDA, RESPONDENT, SWIFTT, 100KTREES and BUILDSPACE, was created in the framework of the European Commission's Horizon Results Booster (HRB) programme, which helps European projects to get a step further and better implement their Dissemination and Exploitation (D&E) actions.

The Project Group was determined on the basis of the commonalities between their work. The main objectives of these projects are to develop cutting-edge tools and technologies through geospatial observation or remote sensing technologies, and to address climate change by developing innovative technologies for mitigation, adaptation and resilience, and promote high-impact environmental changes.

A series of two webinars was organized in March and April 2025 to provide the COSPACE stakeholders with an overview of the main achievements by the projects and raise awareness on how space data can be profitably exploited into applications and tools for environmental management and climate change adaptation and mitigation.

The first COSPACE webinar "Leveraging Space Technologies to Tackle Climate Challenges in Energy and Agriculture" was organized by RESPONDENT and MAGDA projects on the 13th March 2025. It was attended by around 30 participants and told how two cutting-edge Horizon Europe projects, RESPONDENT and MAGDA used European space technologies from Galileo and Copernicus to transform renewable energy and agricultural resilience, offering ground-breaking solutions to some of Europe's most pressing climate challenges.

The second webinar of the series was jointly organized by BUILDSPACE and 100KTREES and is reported in the following.

3.1 Agenda and participants

The ultimate goal of the webinar was to present an overview and main achievements of the **100KTREES** and **BUILDSPACE** projects to a wider audience, and **create an impact in terms of raising awareness**. Both initiatives share the common goal of **enhancing urban environments**, focusing on sustainable urban development and employing advanced technological tools to achieve their objectives. Both projects offer decision support tools:

- **100KTREES** provides a **decision support system** for cities to improve air quality, biodiversity, human wellbeing and reduce climate risks by planting more trees.
- **BUILDSPACE** offers **5 decision support tools through a Core Platform** to enhance building and urban sustainability.

Participating organizations:

University of Murcia, AIT Austrian Institute of Technology GmbH, ALDA, Association Makerspace Garage, BAOPN, BitaGreen, Carr Communications Ltd, CARTIF, Center for the Study of Democracy, Chernihiv City Council, City of Vienna International Offices, Cognizant, Colliers, CWARE, DHI A/S, ECMWF, EMSV, Getafe, European association for local democracy,

GISIG, IMZI Inštitut za modro-zeleno infrastrukturo, In Foreign We Speak, Info Solution srl, International Institute for Applied Systems Analysis (IIASA), IUSS Pavia, Kallipolis APS, MGGP Aero, MOVE.BG, Municipal Company Parks and Urban Gardens, Municipality of Piraeus, National Association of Municipalities in Republic of Bulgaria, National Center of Public Health and Analyses, National Technical University of Athens – EPU, One Team srl, PHOTOMAP, s.r.o., Planetek Italia, REGEA, Riga Local Government, Roulons à Vélo Avignon, Sapienza University, Stati Generali Innovazione, SingularLogic, SK Studio, SofiaGREEN, Sofiaplan, SofiaGreen, Stichting Street Art Museum Amsterdam, The Capital Prishtina, Toronto Metropolitan University, Tracasa Global, TUIASI, Universidad Politecnica de Madrid, University of Colima, UPM, VJF.



Advancing Sustainability and Green Cities
Innovative Applications for Urban Spaces

Tuesday, 15 April 2025
 15:00 - 16:45 CEST
 Online, Webex

AGENDA	
• Overview of the webinar	15:00
• Presentation of the COSPACE Group	15:10
• 100KTREES Overview: Use Cases and Benefits from Planting Trees	15:10
• 100KTREES Toolbox: Trees mapping and enhancement of trees data, trees ecosystem services simulation tools	15:40
• BUILDSPACE: Advancing Climate-Resilient and Energy-Efficient Buildings and Cities	15:40
• BUILDSPACE Decision Support Services: Smart Tools for Sustainable Urban Planning	16:10
• Q&A Session & Conclusions	16:10
	16:45

Funded by the European Union



Figure 2: The programme of the second webinar of COSPACE, organized by BUILDSPACE and 100KTREES

3.2 Outcomes of the webinar

The webinar served as a platform for **knowledge exchange, fostering collaboration, while providing stakeholders insights and practical tools to drive sustainable urban transformation.**

The challenges addressed and the social impact, as well as the results achieved so far, were showcased to highlight the great potential of these two projects. The event was an opportunity to explore how Horizon EU projects support **climate adaptation and resilience** and create a debate on **sustainable buildings and green cities.**

Key points and reflections that span both the 100KTREEs and BUILDSPACE projects are highlighted in the following:

1. Satellite data and remote sensing are well-established technologies in environmental, territorial, and infrastructure management. However, their full potential has yet to be fully exploited, which means there is still room for innovation and development in this field;
2. The progress and innovation of a city bring together various elements—technological, social, environmental, and economic—and all of them are interconnected. That's why a truly holistic approach is essential. At the same time, the support of data-driven systems is crucial to assist decision-makers and policy makers;
3. Cities are the first places to experience the impacts of climate change, which makes urgent and prioritized interventions necessary—especially those aimed at achieving well-being and risk reduction goals. Projects like 100KTREEs and BUILDSPACE are extremely important because they offer targeted services to design solutions that align with future scenarios, are scalable, and can be immediately applied in different contexts and European cities.

3.3 Media and articles

On the 100KTREEs web site:

<https://www.100ktrees.eu/cospace-cluster/>

Newsletter#5 – August 2025

https://mailchi.mp/46017c4e9a4d/100ktrees-newsletter_5

On LinkedIn:

<https://www.linkedin.com/feed/update/urn:li:activity:7302741392399765504>

<https://www.linkedin.com/feed/update/urn:li:activity:7308510385249120257>

<https://www.linkedin.com/feed/update/urn:li:activity:7310660703399403521>

<https://www.linkedin.com/feed/update/urn:li:activity:7312827403259592704>

<https://www.linkedin.com/feed/update/urn:li:activity:7313854208053526528>

<https://www.linkedin.com/feed/update/urn:li:activity:7315348620986265600>

<https://www.linkedin.com/feed/update/urn:li:activity:7316055592974934016>

<https://www.linkedin.com/feed/update/urn:li:activity:7317472688359243776>

<https://www.linkedin.com/feed/update/urn:li:activity:7317472688359243776>



On YouTube:

<https://www.youtube.com/watch?v=6jj-SNKXy50&t=3s> (COSPACE webinar 1)

<https://www.youtube.com/watch?v=mDBfNz7uPRg> (COSPACE webinar 2)

On Medium

<https://medium.com/@100ktrees/cospace-cluster-workshops-and-knowledge-dissemination-for-climate-resilience-through-space-cef8e99f847f>



4 Networking webinar of 18th June 2025

The workshops aimed to engage with EU cities, urban planners, practitioners, designers and scientists to showcase the full potential of 100KTREEs service, by using real life examples from the pilot cities of Sofia and Copenhagen. The webinar wanted to show the main goal of the project, that is to support local authorities in making cities more green, healthy and resilient to the climate change. The webinar consisted in a demonstration of the 100KTREEs toolbox and related services.

4.1 Agenda and participants

100K Trees
NETWORKING WEBINAR
WITH EU CITIES AND STAKEHOLDERS
18 JUNE 2025 ONLINE
13:30 – 14:30 CEST

100KTREEs has developed advanced mapping and modelling tools capable of assessing the impact of nature-based solutions such as urban greening through tree planting. 100KTREEs models estimate the effects of trees in terms of key ecosystem services they provide, such as air quality, water retention, cooling, CO₂ sequestration, and generate an indicator for biodiversity. 100KTREEs offers cities and their municipalities services such as urban tree mapping and seasonal monitoring, identification of new planting areas and, importantly, modelling and financial valuation of benefits of urban trees.
100KTREEs aims to engage with European cities, urban planners, designers, practitioners, and scientists to showcase the full potential of the 100KTREEs services – using real-life examples from the pilot cities of Sofia and Copenhagen. Our goal is to support local authorities in making cities more green, healthy, and resilient to the challenges of climate change. 100KTREEs is a project co-funded by the EC under the Research and Innovation Programme Horizon Europe.

Don't miss the opportunity to participate and book your spot at the following link: [100KTREEs webinar](#)

PROGRAMME OF THE WEBINAR

13:30	WELCOME TO THE PARTICIPANTS (MODERATOR: NINA COSTA, ND CONSULT)
13:35	INTRODUCTION TO 100KTREES (BIRGITTE HOLT ANDERSEN, CWARE)
13:45	SUCCESS STORIES FROM THE APPLICATION OF 100KTREES TOOLS AND SERVICES (ALI ESLAMI, VUB; MADRS CHRISTENSEN DHI) <ul style="list-style-type: none"> • LOCAL BENEFITS OF URBAN TREES • ASSESSMENT OF ECOSYSTEM SERVICES ON DISTRICT LEVEL • URBAN FOREST MONITORING FOR CITIES • HOW GREENING INITIATIVES CONTRIBUTE TO URBAN RESILIENCE • ECOSYSTEM SERVICES-BASED TREE PLANTING SCENARIOS IN URBAN ENVIRONMENT
14:15	100KTREES CITIZEN SCIENCE APP (SIMEON MALINOV, OTF)
14:20	Q&A AND CONCLUSIONS

PARTNERSHIP

DHI, Sofia development association, EUROSENSE, ecotree, DISIG, Bitagreen, egHO gьpъo, WARE, VUB, NDConsult

Funded by the European Union
 EUSPA
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Figure 3: Rationale and agenda of the Networking webinar of the 18th June

Cities registered to the webinar:

Aarhus Kommune, Assens commune, City of Sarajevo, City of Warsaw, City of Genova, Gmina Myszków, Høje-Taastrup Kommune, Holbæk commune, Ikast-Brande Kommune, Katowice City Hall, Kerteminde Kommune, Leuven City, Middelfart commune, Næstved Park & Vej, Odense Kommune, Silkeborg Kommune, Urząd Miasta Gniezno, Urząd Miasta Kostrzyn nad Odrą, Urząd Miasta Poznania, Urząd Miejski w Bytomiu, Urząd Miejski w Kole, ZZM Wrocław

Other registered organizations:

Digital Spaces Living Lab, EPSILON International Ltd, Pudar Mitigation Consulting, Inc., SOfiaGREEN

4.2 Outcomes of the webinar

The webinar was attended by more than 50 participants, most of them representing EU cities. Additional 12 participants viewed the webinar asynchronously (through the YouTube channel).

The webinar highlighted the main results of 100KTREEs, showcasing advancements in decision-support tools, high-resolution tree mapping, citizen-science engagement, and the integration of ecosystem services into urban greening strategies.

Speakers introduced the project's core aim: support European cities in strategic tree-planting through a decision toolbox based on Copernicus data, modelling, and economic valuation.

Then, the webinar went through urban tree-mapping capabilities:

- Use of high-resolution satellite imagery (30–10 cm) to detect individual trees,
- Generation of detailed tree inventories for whole cities,
- Calculation of canopy density and urban indexes (3-30-300 rule),
- A new tool ("FRAME") enabling cities to generate refined land-cover maps.

A third presentation was about the set of modelling tools able to:

- Identify urban environmental hotspots (heat, noise, urban flood, air pollution),
- Assess ecosystem services at the single-tree level,
- Simulate benefits of different planting scenarios (tree type, location, design),
- Produce multi-criteria analyses to optimize greening decisions.

Finally, it was demonstrated the potential of the crowd-science approach:

- A mobile and web-based app enabling citizens to map trees, collect photos, identify species, and record biometric characteristics.
- Field data helps validate satellite models and provides details (species, damages, crown size) not detectable from remote sensing.

- Citizen-engagement events showed strong uptake: participants can learn tree-mapping basics in minutes.

The workshop emphasized the combined strengths of remote sensing for broad-scale, cost-efficient monitoring, local citizen input for high-detail, ground-truth information, ecosystem-service modelling for tree-planting strategies and finally economic valuation to support funding and policy decisions.

The webinar presented in a comprehensive way the **data-driven framework** that helps cities to identify *where* to plant trees, that demonstrates *what benefits* trees will bring, that translates these benefits into *policy-ready metrics* and that strengthens community participation in urban greening.

4.3 Media and articles

On the 100KTREES web site

<https://www.100ktrees.eu/networking-webinars/>

On LinkedIn

<https://www.linkedin.com/feed/update/urn:li:activity:7333156220859527170>

<https://www.linkedin.com/feed/update/urn:li:activity:7333872804930519040>

<https://www.linkedin.com/feed/update/urn:li:activity:7336737415505612801>

<https://www.linkedin.com/feed/update/urn:li:activity:7338113245825691649>

<https://www.linkedin.com/feed/update/urn:li:activity:7340650123405811712>

<https://www.linkedin.com/feed/update/urn:li:activity:7346497878829191168>

On YouTube

https://www.youtube.com/watch?v=HqSxAQz_uCA&t=4s

5 Webinar hosted by the DNNK, 6th August 2025

The Danish National Network for Climate Adaptation (DNNK) hosted a webinar on the 100KTREES project, bringing together around 50 experts in water and climate adaptation. Case studies from Denmark illustrated the solutions in action for making cities greener and more resilient to climate changes.

5.1 Agenda and participants

The session opened with Birgitte Holt Andersen from Cware, project manager of 100KTREES, who introduced the project’s goals and scope. She outlined how the initiative contributes to greener, more climate-resilient urban environments through data-driven urban forestry planning.

Following this, Mads Christensen from DHI presented the satellite-based application developed to estimate land use and calculate tree-related indicators – including the widely recognized 3-30-300 rule, a benchmark for assessing urban tree cover and human-nature interaction in cities.

Ali Eslami from VUB (Vrije Universiteit Brussel) then introduced a tool for hotspot identification, designed to map and analyze urban pollution, heat islands, and noise, while also evaluating the ecosystem services provided by trees. The tool was demonstrated through several case studies in Denmark, including Roskilde, Frederiksberg, and Amager Fælled.

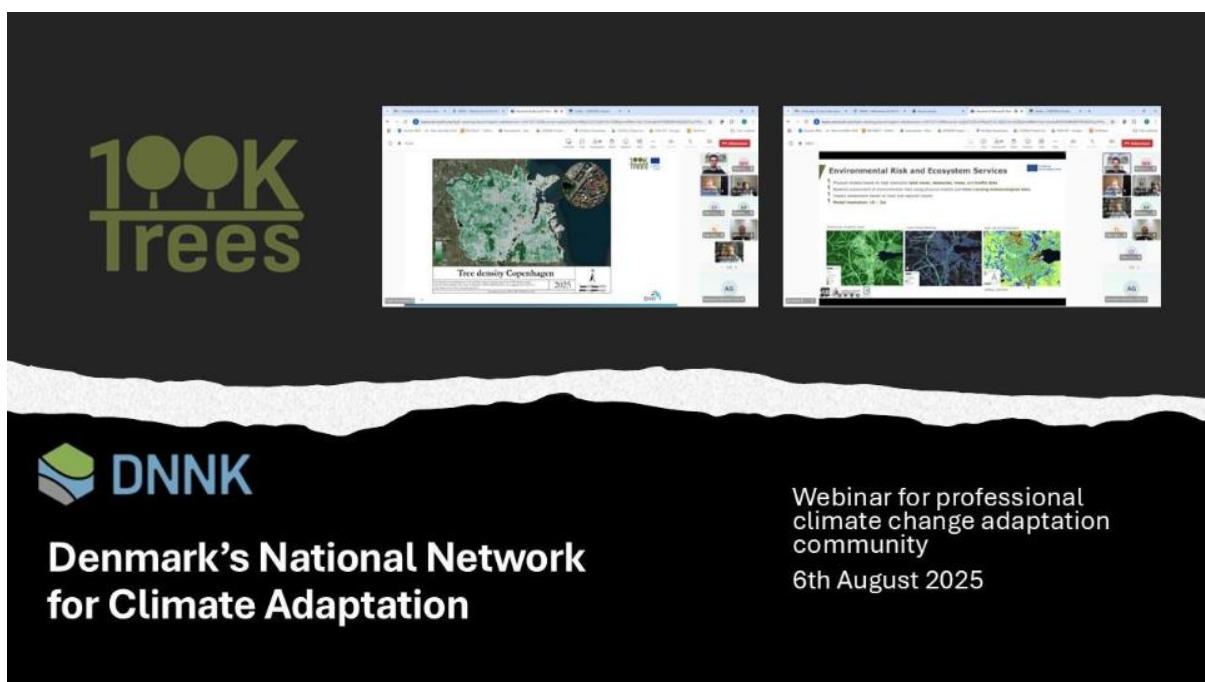


Figure 4: The dissemination material used in social media to advertise the webinar

5.2 Outcomes of the webinar

The webinar sparked lively engagement from the audience, with numerous questions directed to the speakers. The event highlighted the growing interest in integrated nature-based solutions and the value of cross-disciplinary tools that combine remote sensing, environmental data, and ecosystem service evaluation to support urban planning and climate adaptation.

Discussions focused particularly on biodiversity assessment as a potential next step and extension of the toolbox, and on opportunities for project follow-up and scaling.

Important evidence was given by Henrik Nonnegård, who discussed how Kolding Municipality has used 100KTREE's toolbox and data in their work. Kolding Municipality has actively applied the 100KTREEs toolbox and its data as a central part of their urban planning and environmental efforts.

They used it to support future planning by mapping hotspots, particularly in relation to the 3-30-300 principle, and by providing a shared foundation of knowledge that is accessible to everyone. The toolbox offered a solid data basis for decision-making, including projections of future tree canopy cover. For more detailed feedback from the users, see D1.2 (User feedback from alpha and beta testing rounds).

As a communicative tool, it enabled dialogue across many professional fields and creates a common language between planners, ecologists, and other municipal departments. The next step is to roll it out across the administration to ensure even broader use.

The toolbox was also instrumental in nature restoration efforts, where the municipality aims for 10% canopy cover. Its universal, user-friendly design and precise data make it a powerful tool for turning strategies and ambitions into concrete actions.

Kolding emphasized that it would be fantastic if all municipalities had access to such a tool, as it is not only practical but also transformative in supporting greener, healthier cities.

Audience discussions explored biodiversity assessment as the next step, highlighting strong interest in scaling integrated nature based solutions that combine remote sensing, environmental data, and ecosystem service evaluation to enhance urban planning and climate adaptation.

5.3 Articles and media

On the web site

<https://www.100ktrees.eu/networking-webinars/>

On the LinkedIn

<https://www.linkedin.com/feed/update/urn:li:activity:7358792297561423873>



On the Youtube Channel

<https://www.youtube.com/watch?v=fIYhKVGTYnc&t=2s>

6 100KTREEs Demo Side Event at the Smart City Expo World Congress, Barcelona, 6th November 2025

The side event was organized in two repeated sessions of 1.5 hr each, with the aim to showcase to participating cities and other potential users the applicability of 100KTREEs services and tools.

The event was organized in the framework of one of the most important fairs at global level for Smart Cities, with the aim to spread the information around the services offered by 100KTREEs and to push the market uptake. The aims of the event were:

- to present to cities and key stakeholders the potential of 100KTREEs tools and services to support cities in planting more trees;
- to highlight the benefits of tree planting through ecosystem services scenarios simulation;
- to demonstrate on the field the functionalities of the 100KTREEs citizen science app, to collect field information on trees and trees attributes;
- to engage new cities in 100KTREEs initiative.

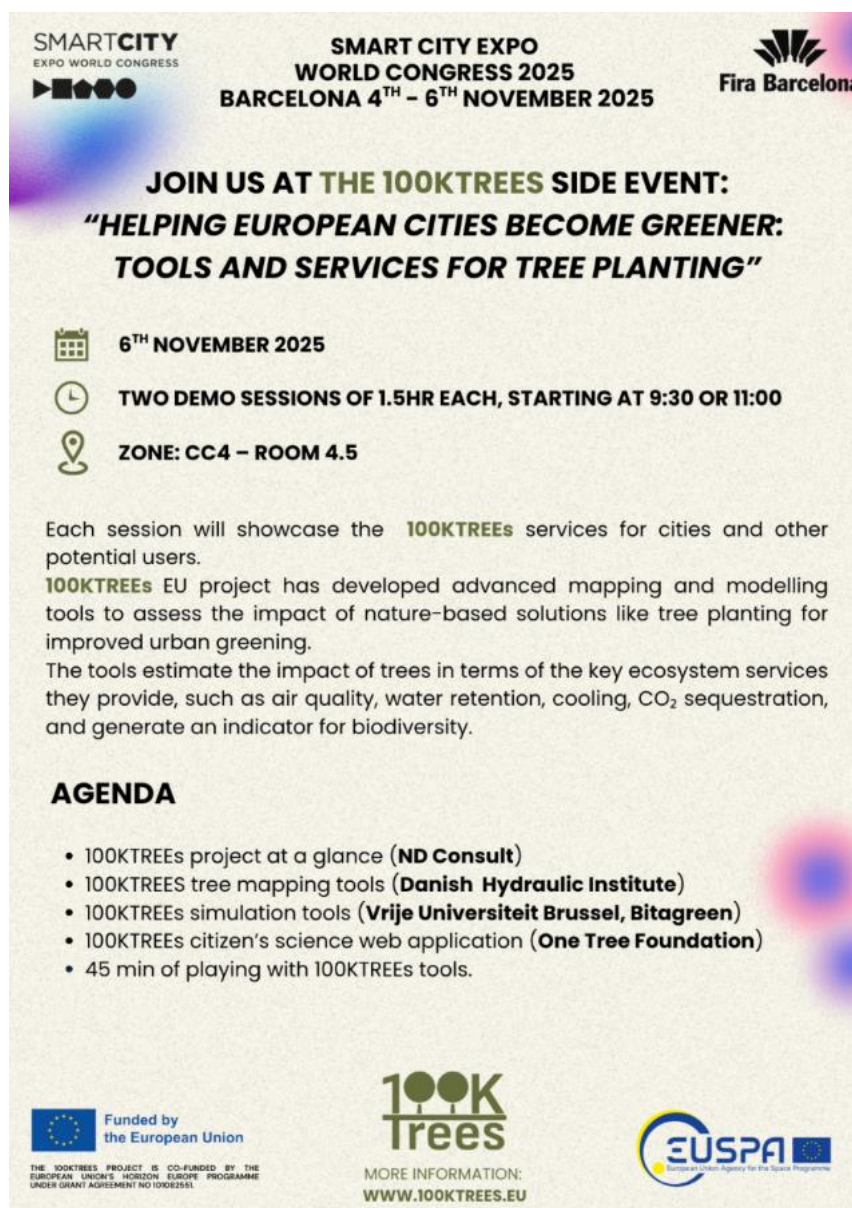
6.1 Agenda and participants

The participation of 100KTREEs partners in SCEWC 2025, starting from the day before the side event, allowed to carry out a structured process of end user engagement both for the side event and for future possible collaborations. The following cities and entities were approached at their booth and informed about 100KTREEs.

- Riga (www.georiga.lv) (LV)
- Glasgow City Region (UK)
- City of Porto (PT)
- City of Manchester (UK)
- Cotesa, company supplying arid city with EO info
- Metropolitana City of Marseille (FR)
- Wuppertal City (DE)
- Leipzig Smart City Unit (DE)
- City of Tampere (FI)
- Berlin Smart City Unit (DE)
- Smart Dublin (IE)
- Nexus Geographics (ES)
- Geolander (IT)

- URBACT
- ICLEI
- UN HABITAT
- SYLVAN (DE)
- SNAP4CITIES (IT)

The participants in the demo side events were: City of Wuppertal, Green Urbansights, ERG Texas, TECCON, Geolander, Treesense



SMART CITY EXPO WORLD CONGRESS
SMART CITY EXPO WORLD CONGRESS 2025
BARCELONA 4TH - 6TH NOVEMBER 2025
Fira Barcelona

**JOIN US AT THE 100KTREES SIDE EVENT:
 "HELPING EUROPEAN CITIES BECOME GREENER:
 TOOLS AND SERVICES FOR TREE PLANTING"**

6TH NOVEMBER 2025

TWO DEMO SESSIONS OF 1.5HR EACH, STARTING AT 9:30 OR 11:00

ZONE: CC4 - ROOM 4.5

Each session will showcase the **100KTREES** services for cities and other potential users.
100KTREES EU project has developed advanced mapping and modelling tools to assess the impact of nature-based solutions like tree planting for improved urban greening.
 The tools estimate the impact of trees in terms of the key ecosystem services they provide, such as air quality, water retention, cooling, CO₂ sequestration, and generate an indicator for biodiversity.

AGENDA

- 100KTREES project at a glance (**ND Consult**)
- 100KTREES tree mapping tools (**Danish Hydraulic Institute**)
- 100KTREES simulation tools (**Vrije Universiteit Brussel, Bitagreen**)
- 100KTREES citizen's science web application (**One Tree Foundation**)
- 45 min of playing with 100KTREES tools.

Funded by the European Union
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100K Trees
 MORE INFORMATION:
WWW.100KTREES.EU

EUSPA
 European Union Agency for the Spanish Programme

Figure 5: Poster of the side event with the agenda

6.2 Outcomes of the event

The 100ktrees side event brought together city representatives, practitioners, researchers, and technology providers to discuss how large-scale citizen engagement initiatives can support urban resilience. The session explored the potential of tree-planting and nature-based solutions supported by digital tools, with a particular focus on scaling up from pilot actions to city-wide deployment.

1. Citizen Engagement as a Driver of Urban Resilience

Participants agreed that citizen engagement is a critical enabler of urban resilience. Involving communities in tree-planting activities not only increases environmental awareness but also fosters a sense of shared responsibility for long-term urban adaptation. Engaged citizens contribute to data collection, monitoring, and maintenance, creating a distributed capacity that complements institutional action. However, the event highlighted that engagement must be continuous, well-designed, and supported by clear communication strategies to generate sustained impact.

2. Scaling Up from Pilot to City-Wide Implementation

A central part of the discussion focused on how initiatives like 100KTREEs can evolve from localized pilots to scalable programmes. Participants noted that scaling up requires a clear operational model, an interoperable digital tools, capable of integrating data from different sources and supporting multi-stakeholder collaboration, and a flexible frameworks, allowing initiatives to adapt to different neighbourhood contexts and community profiles. The use of HR satellite data is an example of the wide application of the tool.

3. Data Availability and Quality for Decision-Making

Another key outcome concerned the sufficiency and reliability of available data. Participants observed that while many datasets exist—satellite imagery, tree inventories, climate indicators—they are often fragmented or not updated regularly. Quality data is indispensable for prioritising planting areas, modeling environmental impact, valuating the effectiveness of citizen engagement, supporting transparent reporting to communities and funders.

The event highlighted the need for standardized methodologies and open-data frameworks to ensure consistency across cities and enhance the uptake of the 100KTREEs toolbox.

6.3 Articles and media

On LinkedIn

<https://www.linkedin.com/feed/update/urn:li:activity:7392201750847500289>

<https://www.linkedin.com/feed/update/urn:li:activity:7382037475826937856>

<https://www.linkedin.com/feed/update/urn:li:activity:7376157208205631488>

7 Conclusions

The networking activities carried out throughout the 100KTREEs project have demonstrated the strong interest of European cities, practitioners, and stakeholders in data-driven tools for urban greening and climate resilience. The series of webinars, workshops, and the final demonstration event provided valuable opportunities to present the project's toolbox, exchange knowledge, and discuss practical applications in real urban contexts. Across all events, cities emphasized the need for reliable geospatial data, accessible decision-support tools, and citizen-engagement mechanisms to strengthen their planning strategies. The active participation and feedback received highlight the relevance and usability of the 100KTREEs approach, confirming its potential for broader uptake. Furthermore, the collaboration with COSPACE projects showed how synergies within the EU landscape can amplify impact and foster innovation. The experiences gathered through this networking effort will support the future exploitation of the project's Key Results and help ensure that the toolbox continues to evolve in line with municipal needs, emerging technologies, and the growing demand for nature-based solutions. Ultimately, these activities contributed significantly to positioning 100KTREEs as a valuable resource for cities aiming to become greener, healthier, and more resilient.